

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE  
BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL  
NOT TO SCALE

1	75110-01	03	BASKET ASSEMBLY
1	75102-01	02	PROVISIONS INSTALLATION
	75101-01	01	INSTALLATION
QTY	PART NO.	ITEM	DESCRIPTION
			LIST OF MATERIALS

APPROVALS	DATE
DRAWN: JEFF CLARKE	05 SEPT 2007
CHECKED: E. BURGAIN	05 NOV 2007

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX  $\pm 0.010$   $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$



**AERO DESIGN LTD.**

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**BELL 205A-1, 205B, 212, 412, 412EP, 412CF  
QUICK RELEASE CARGO BASKET  
INSTALLATION**

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 2	A4	75101	2

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	DRAWING RESIZED, PROVISIONS MOVED TO DRAWING 75102	BJC	11/07/2008
2	TITLE BLOCK UPDATED; LID PROP DRAWING ADDED; NOTE 5 REMOVED;	BJC	13/01/2015
	METRIC UNITS ADDED		

#### NOTES

- HIGH SKID GEAR INSTALLATION IS A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
- QUICK RELEASE MOUNTING PROVISIONS INSTALLED IN ACCORDANCE WITH DRAWING 75102 IS A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
- REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE CARGO BASKET INSTALLED.
- REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA751.90, FOR MAINTENANCE INFORMATION.
- REMOVED—


6. CARGO BASKET PROVISIONS (ITEM 02) MAY BE INSTALLED ON THE RIGHT AND/OR LEFT SIDE OF THE HELICOPTER.  
CARGO BASKET (ITEM 03) MAY BE INSTALLED ON THE RIGHT OR LEFT SIDE.  
LATERAL ARMS IN THE WEIGHT AND BALANCE ARE FOR RIGHT SIDE INSTALLATION. LEFT SIDE INSTALLATION ARMS ARE NEGATIVE.

### WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
02	PROVISIONS INSTALLATION	4.4	3002	13210	1184	5208
03	CARGO BASKET	22.5	3035	68288	1580	35550
01	INSTALLATION (TOTAL)	26.9	3030	81498	1515	40758
	CARGO (POSITIONS GIVEN ARE FOR CENTRE OF BASKET)	136 MAX	3035	412760	1580	214880

### WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
02	PROVISIONS INSTALLATION	9.6	118.3	1136.0	46.6	447.6
03	CARGO BASKET	49.5	119.5	5915.3	62.2	3078.9
01	INSTALLATION (TOTAL)	59.1	119.3	7051.3	59.7	3526.5
	CARGO (POSITIONS GIVEN ARE FOR CENTRE OF BASKET)	300 MAX	119.5	35850	62.2	18660

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DRAWN: JEFF CLARKE		05 SEPT 2007					
CHECKED: E. BURGAIN		05 NOV 2007					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                      ANGLES X.XXX ±0.010                      ±1/2° X.XX ±0.03 X.X ±0.1				BELL 205A-1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE CARGO BASKET INSTALLATION			
NOT TO SCALE		DWG. SIZE		DWG. NO.		REV.	
SHEET 2 OF 2		A4		75101		2	